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A distributed resource management architecture that supportsadvance reservations and co-allocation - ▶udel.edu [PDF]
I Foster, C Kesselman, C Lee, B Lindell, K ... - Quality of Service, 1999. IWQoS'99. 1999 Seventh ..., 1999 -
ieeexplore.ieee.org
... assumed to be followed immediately by an allocation, and advance reservations, which
are created in the present to reserve resources for use in the future. ...
Cited by 490 - Related articles - Web Search - All 52 versions

A taxonomy and survey of grid resource management systems for distributed computing - ▶gridbus.org [PDF]
K Krauter, R Buyya, M Maheswaran - Software Practice and Experience, 2002 - doi.wiley.com
... Resource reservation is also considered to be a ... A Grid that provides the ability
to specify QoS at job submission time but cannot reserve resources in advance ...
Cited by 389 - Related articles - Web Search - BL Direct - All 23 versions

... /G: An Architecture for a Resource Management and Scheduling System in a Global Computational Grid - ▶arxiv.org [PDF]
R Buyya, D Abramson, J Giddy - Proceedings of the HPC ASIA, 2000 - doi.ieeecomputersociety.org
... money, the user can reserve the resources ... implementation are: GRAM (Globus Resource
Allocation Manager), MDS ... economic theories in grid resource management and ...
Cited by 591 - Related articles - Web Search - All 33 versions

Resource Co-Allocation in Computational Grids - ▶globus.org [PDF]
K Czajkowski, I Foster, C Kesselman - Proceedings of the Eighth IEEE International Symposium on ..., 1999 -
doi.ieeecs.org
... system with goals similar to the Grid systems described ... supports the no- tion of
resource co-allocation ... relies on the ability to reserve resources in advance ...
Cited by 196 - Related articles - Web Search - All 29 versions

Economic models for resource management and scheduling in Grid computing - ▶130.149.25.10 [PDF]
R Buyya, D Abramson, J Giddy, H Stockinger - Concurrency and Computation: Practice and Experience, 2002 -
doi.wiley.com
... reduces the price to the reserve price with ... model has high potential for Grid computing ...
complexity, scheduling strategy and resource characteristics requirements ...
Cited by 350 - Related articles - Web Search - BL Direct - All 29 versions

... for Negotiating Service Level Agreements and Coordinating Resource Management in Distributed ... - ▶nesc.ac.uk [PDF]
K Czajkowski, I Foster, C Kesselman, V Sander, S ... - LECTURE NOTES IN COMPUTER SCIENCE, 2002 - Springer
... plication and resources to discover, reserve, acquire, configure ... as well as
any"non-Grid" local workloads, assuming the resource managers enforce ...
Cited by 230 - Related articles - Web Search - BL Direct - All 33 versions

[BOOK] Grid Resource Management: State of the Art and Future Trends

J Nabrzyski, JM Schopf, J Węglarz - 2003 - books.google.com
... hence embracing issues of quality of service, scheduling, co-allocation, and accounting. ...
8 GRID RESOURCE MANAGEMENT using HTTP servers or Web browsers as Grid ...
Cited by 110 - Related articles - Web Search - Library Search - All 3 versions

Scheduling in HPC Resource Management Systems: Queuing vs. Planning - ►ucsd.edu [PDF]

M Hovestadt, O Kao, A Keller, A Streit - LECTURE NOTES IN COMPUTER SCIENCE, 2003 - Springer
... One of the advantages of a grid environment is the ... allocate resources (ie using several
different resources at the ... is how to specify and reserve the resources. ...
Cited by 55 - Related articles - Web Search - BL Direct - All 10 versions

Economic-based Distributed Resource Management and Scheduling for Grid Computing - ►arxiv.org [PDF]

R Buyya - Arxiv preprint cs/0204048, 2002 - arxiv.org
... extensibility, resource allocation or co-allocation, online control, resource trading,
and quality of service- based scheduling. A number of Grid systems (such ...
Cited by 356 - Related articles - View as HTML - Web Search - Library Search - All 18 versions

A grid-enabled MPI: message passing in heterogeneous distributed computing systems - ►postech.ac.kr [PDF]

I Foster, NT Karonis - Proceedings of the 1998 ACM/IEEE conference on ..., 1998 - portal.acm.org
... program and gradually make it more ``grid-aware" by ... in the mechanisms used for resource
allocation and process ... The need to reserve resources at multiple sites ...
Cited by 247 - Related articles - Web Search - All 50 versions

Dynamic Virtual Clusters in a Grid Site Manager - ►duke.edu [PDF]

JS Chase, L Grit, D Irwin, J Moore, S Sprenkle - 12th International Symposium on High Performance Distributed ..., 2003
- doi.ieeecomputersociety.org
... Vclusters are the subjects of resource allocation for clusters in the ... tive to their
mappings onto grid resources, creating a need to reserve collections of ...
Cited by 106 - Related articles - Web Search - All 14 versions

MG-QoS: QoS-Based Resource Discovery in Manufacturing Grid

Z Shi, T Yu, L Liu - LECTURE NOTES IN COMPUTER SCIENCE, 2004 - Springer
... in Fig.1, the Manufacturing Grid QoS Management ... and asks Reservation Manager to reserve
them ... context as a combination of Globus Resource Allocation Manager (GRAM ...
Cited by 13 - Related articles - Web Search - BL Direct

High performance parametric modeling with Nimrod/G: killerapplication for the global grid? - ►northwestern.edu [PDF]

D Abramson, J Giddy, L Kotler - Parallel and Distributed Processing Symposium, 2000. IPDPS ..., 2000 -
ieeexplore.ieee.org
... to take account of the ability in Globus to reserve some resources ... a user wishes
to make use of local resources, but also place them in the global grid. ...
Cited by 299 - Related articles - Web Search - All 16 versions

Using simulated annealing for resource allocation - ►uni-muenster.de [PDF]

JCJH Aerts, GBM Heuvelink - International Journal of Geographical Information Science, 2002 - informaworld.com
... time increases rapidly with the grid size. ... SA can be used to generate resource
allocation alternatives and ... Stoms, DM, and Davis, FW, 1996, Reserve selection as ...
Cited by 35 - Related articles - Web Search - BL Direct - All 2 versions

An evaluation of the close-to-files processor and data co-allocation policy in multiclusters - ►tudelft.nl [PDF]

HH Mohamed, DHJ Epema - Cluster Computing, 2004 IEEE International Conference on, 2004 - ieeexplore.ieee.org
... a grid scheduler amounts to choosing a suitable subsystem for ev- ery application.
The real challenge in resource manage- ment in grids lies in co-allocation. ...
Cited by 33 - Related articles - Web Search - All 9 versions

Distributed virtual computers (DVC): simplifying the development of high performance Grid ... - ▶optiputer.net [PDF]

N Taesombut, AA Chien - Cluster Computing and the Grid, 2004. CCGrid 2004. IEEE ..., 2004 - ieeexplore.ieee.org
... Heterogeneous Resource Naming: Grid resources often span multiple sites which ... Runtime
Resource Allocation and Management: Applications must discover, select ...
Cited by 29 - Related articles - Web Search - All 11 versions

The GrADS Project: Software Support for High-Level Grid Application Development - ▶umd.edu [PDF]

F Berman, A Chien, K Cooper, J Dongarra, I Foster, ... - International Journal of High Performance Computing ..., 2001 - hpc.sagepub.com
... contracts and results from compiler analy- sis, service negotiators will broker
the allocation and scheduling of module components on grid resources. ...
Cited by 256 - Related articles - Web Search - BL Direct - All 27 versions

[PDF] ▶Resource Allocation in Computational Grids-A Market Engineering Approach

B Schnizler, D Neumann, C Weinhardt - Proceedings of the WeB 2004, Washington, 2004 - iw.uni-karlsruhe.de
... Exchange: The market for Computational Grid is characterized by ... owners (henceforth
sellers) and many resource consumers (buyers ... yield an adequate allocation [3 ...
Cited by 13 - Related articles - View as HTML - Web Search - All 2 versions

Practical resource management for grid-based visual exploration - ▶plutosound.com [PDF]

K Czajkowski, AK Demir, C Kesselman, M Thiebaux - High Performance Distributed Computing HPDC'01, 2001 - doi.ieeecs.org
... In general one might want to separately reserve an accel ... always part of the local
physical resource pool ... manager extends the GARA generic grid reservation system ...
Cited by 15 - Related articles - Web Search - All 14 versions

Analysis and Provision of QoS for Distributed Grid Applications - ▶anl.gov [PDF]

RJ Al-Ali, K Amin, G von Laszewski, OF Rana, DW ... - Journal of Grid Computing, 2004 - Springer
... giving the application user an assurance that the resource allocation will pro ... these
applications, it is often necessary to reserve Grid resources and services ...
Cited by 33 - Related articles - Web Search - All 6 versions

[PDF] ▶Resource allocation in federated distributed computing infrastructures

A AuYoung, BN Chun, AC Snoeren, A Vahdat - Proceedings of the 1st Workshop on Operating System and ..., 2004 - cs.ucsd.edu
... based approaches in computational grid environments such ... SHARE [6] for resource
allocation, mainly because ... with the possibility to reserve resources for almost ...
Cited by 62 - Related articles - View as HTML - Web Search - All 7 versions

A Transaction Model for Grid Computing

F Tang, M Li, J Cao - LECTURE NOTES IN COMPUTER SCIENCE, 2003 - Springer
... GRAM Co - reservation Co - allocation MDS ... The candidates failed to reserve resources
return Aborted message. ... Page 4. A Transaction Model for Grid Computing 385 ...
Cited by 10 - Related articles - Web Search - BL Direct - All 3 versions

An OGSA-Based Quality of Service Framework - ▶anl.gov [PDF]

R Al-Ali, K Amin, G von Laszewski, O Rana, D ... - LECTURE NOTES IN COMPUTER SCIENCE, 2004 - Springer
... is the maximum capacity that the resource i can ... this work operates in a Open Grid

Service Infrastructure ... reserve: is invoked by sending a reservation tuple ...
Cited by 100 - Related articles - Web Search - BL Direct - All 8 versions

Managing Network Resources in Condor - ▶ wisc.edu [PDF]
J Basney, M Livny - Proceedings of the Ninth IEEE Symposium on High Performance ..., 2000 -
doi.ieeecomputersociety.org
... scheduler monitors running appli- cations and reserves bandwidth for ... High-throughput
resource man- agement. ... and C. Kesselman, editors, The Grid: Blueprint for ...
Cited by 49 - Related articles - Web Search - All 15 versions

Parallel job scheduling—a status report
DG Feitelson, L Rudolph, U Schwiegelshohn - Job Scheduling Strategies for Parallel Processing, 2004 - Springer
... An important component of using the grid as a ... and do not have a common resource
management infrastructure. ... this problem is to try and reserve resources on the ...
Cited by 77 - Related articles - Web Search - All 5 versions

Fault-tolerant scheduling policy for grid computing systems - ▶ 210.240.194.169 [PDF]
JH Abawajy - Parallel and Distributed Processing Symposium, 2004. ..., 2004 - ieeexplore.ieee.org
... the n sites the backup (b) ELSE i. Reserve n−R ... a wide variety of target machines
including Grid computing. ... work, we want to use cost-based resource selection ...
Cited by 54 - Related articles - Web Search - All 6 versions

An OGSA-based accounting system for allocation enforcement across HPC centers - ▶ umu.se
[PDF]
T Sandholm, P Gardfjäll, E Elmroth, L Johnsson, O ... - Proceedings of the 2nd international conference on Service ...,
2004 - portal.acm.org
... and it interacts with the bank to reserve sufficient quota ... our accounting scenario:
the user, the resource, and the ... as proposed by the Global Grid Forum working ...
Cited by 23 - Related articles - Web Search - All 8 versions

Reserve selection as a maximal covering location problem
RL Church, DM Stoms, FW Davis - Biological Conservation, 1996 - Elsevier
... solv- able to optimality within any available computer resources. ... not match the size
and shape of a grid. ... is not the final word on reserve selection algorithms ...
Cited by 222 - Related articles - Web Search - BL Direct - All 4 versions

[PDF] ▶ The Taming of the Grid: Virtual Application Services
K Keahey, K Motawi - Argonne National Laboratory Technical Memorandum, 2003 - fusiongrid.org
... were implemented in Java and made available as Grid services; they ... It provides the
general capability to reserve a number of units of a resource for a ...
Cited by 14 - Related articles - View as HTML - Web Search - All 9 versions

[PDF] ▶ Quality of Service Aspects and Metrics in Grid Computing
DA Menasce, E Casalicchio - Proc. 2004 Computer Measurement Group Conference, 2004 - citeseer.comp.nus.edu.sg
... an interesting optimization problem in a grid environment is ... there are three available
com- puting resources that can ... the collective layer to co-reserve and co ...
Cited by 15 - Related articles - View as HTML - Web Search - All 5 versions

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